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TC 1700 MAIL ROOM

In the Claims

Please amend claims 1, 2, 7, 8, 10, 11, 13 and 14 as follows:

8⁸ (Once amended) A natural gas dehydrator wherein a supply of natural gas is fed into an absorber wherein it is subjected to dry glycol to remove undesirable materials therefrom so that the dry glycol is changed into wet glycol that is removed from the absorber comprising:

separator apparatus for receiving said wet glycol from said absorber;
said separator apparatus having structure for holding a predetermined amount of said wet glycol;

said separator apparatus having additional structure for receiving excess wet glycol from said structure;

reboiler apparatus for receiving said excess wet glycol and changing said excess wet glycol into dry glycol and effluents;

condenser apparatus for receiving said effluents;

a
circulating apparatus for circulating wet glycol from said structure through said condenser apparatus to change said effluents to at least liquid water, liquid hydrocarbons and uncondensed vapors and returning said circulating wet glycol to said separator apparatus;

liquid water removal separator apparatus for receiving said at least liquid water, liquid hydrocarbons and uncondensed vapors and for separating and removing said liquid water; and

removing apparatus for removing said liquid hydrocarbons and said uncondensed vapors from said liquid water removal separator apparatus and feeding said liquid hydrocarbons and said uncondensed vapors to said separator apparatus.

9⁸ (Once amended) A natural gas dehydrator as in claim 8⁸ wherein said removing apparatus comprises:

an eductor having an inlet port, an exit port and a vacuum port;

a first conduit through which said circulating wet glycol flows connected to said inlet port;

a second conduit extending between said outlet port and said separator apparatus; and

a third conduit extending between said liquid water removal separator apparatus and said vacuum port.

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cont.
14. (Once amended) A natural gas dehydrator as in claim 8 and further comprising:

at least one gas emitting level control apparatus in at least said absorber, said separator apparatus and said liquid water removal separator apparatus; said liquid water removal separator apparatus having at least a first chamber;

a gas inlet port in said first chamber;

collecting apparatus for continuously collecting said gases emitted from said gas emitting level control apparatus; and

conduits extending between said collecting apparatus and said gas inlet port [fro] for transmitting said continuously collected gases to said gas inlet port.

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15. (Once amended) A method wherein a supply of natural gas is fed into an absorber wherein it is subjected to dry glycol to remove undesirable materials therefrom so that the dry glycol is changed into wet glycol that is removed from the absorber comprising:

feeding [said] wet glycol from said absorber into a separator apparatus;

collecting a supply of wet glycol to a predetermined level in said separator apparatus;

feeding excess wet glycol greater than said predetermined level from said separator apparatus to a reboiler for changing said excess wet glycol into dry glycol and effluents;

feeding said effluents to a condenser apparatus;

circulating wet glycol from said supply of wet glycol through said condenser apparatus to change said effluents to at least liquid water, liquid hydrocarbons and uncondensed vapors and returning said circulating wet glycol to said separator apparatus;

feeding said at least liquid water, liquid hydrocarbons and uncondensed

vapors to a liquid water removal separator apparatus;

separating said liquid water from said at least liquid water, liquid hydrocarbons and uncondensed vapors; and

feeding said at least liquid hydrocarbons and said uncondensed vapors to said separator apparatus.

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cont
3 ~~10~~ (Once amended) A method as in claim ²~~10~~ and further comprising:
forming at least a first and a second chamber in said liquid water removal separator apparatus;

feeding said at least liquid water, liquid hydrocarbons and uncondensed vapors into said first chamber;

separating said at least liquid water, said liquid hydrocarbons and uncondensed vapors in said first chamber;

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removing said liquid hydrocarbons and said uncondensed vapors from said first chamber and passing said removed liquid hydrocarbons and said uncondensed vapors to [an] said eductor;

transferring at least a portion of said liquid water from said first chamber to said second chamber until said liquid water in said second chamber reaches a predetermined level; and

removing at least a portion of said liquid water from said second chamber.

4 ~~11~~ (Once amended) A method as in claim ³~~11~~ and further comprising:
providing at least one gas emitting level control apparatus in at least said absorber, said separator apparatus and said liquid water removal separator apparatus;

continuously collecting said gases emitted by said gas emitting level control apparatus; and

feeding said continuously collected gases from said gas emitting level control apparatus into said first chamber.

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6 ~~12~~ (Once amended) A method as in claim ⁵~~12~~ and further comprising:
providing at least one gas emitting level control apparatus in at least said absorber, said separator apparatus and said liquid water removal separator